

What is claimed is:

1                   1(currently amended).     An articulated-arm assembly for plumbing  
2 fixtures, comprising:  
3                   a mounting fixture for fastening the assembly in place,  
4                   an arm jutting out of the mounting fixture,  
5                   a pivot joint for joining the arm to the mounting fixture,  
6                   a normally engaged brake for locking the arm in place, and  
7                   a ratchet that allows pivoting of the arm in one direction while the brake  
8 is engaged;  
9                   wherein the ratchet acts on a sleeve or collar while joined relative  
10 to the arm, wherein the ratchet has a pawl arranged on the mounting  
11 fixture and wherein the pawl has a length equalling that of the sleeve or  
12 collar; and,  
13                   wherein by disengaging the brake the arm can be pivoted without  
14 unlocking the ratchet.

1                   2(previously presented).     An articulated-arm assembly according to  
2 claim 1, wherein at least one of the brake and the ratchet are part of the pivot  
3 joint for the arm.

1                   3(previously presented).     An articulated-arm assembly according to  
2 claim 1, wherein a pivot axis of the pivot joint is horizontal.

Claim 4 is hereby canceled.

Claim 5 is hereby canceled.

1                   6(previously presented).     An articulated-arm assembly according to  
2 claim 1, wherein the brake is fastened to the arm such that the brake is  
3 constrained from rotating with respect to the arm.

1           7(previously presented). An articulated-arm assembly for plumbing  
2 fixtures, comprising:

3           a mounting fixture for fastening the assembly in place,  
4           an arm jutting out of the mounting fixture,  
5           a pivot joint for joining the arm to the mounting fixture,  
6           a brake for locking the arm in place,  
7           a ratchet that allows pivoting of the arm in one direction, and,  
8           wherein the joint joining the arm to the ratchet is created by the brake.

1           8(previously presented). An articulated-arm assembly according to  
2 claim 1, wherein the brake is a friction brake.

1           9(previously presented). An articulated-arm assembly for plumbing  
2 fixtures, comprising:  
3           a mounting fixture for fastening the assembly in place,  
4           an arm jutting out of the mounting fixture,  
5           a pivot joint for joining the arm to the mounting fixture,  
6           a brake for locking the arm in place,  
7           a ratchet that allows pivoting of the arm in one direction,  
8           wherein the ratchet acts on a sleeve or collar while joined relative to the  
9 arm, and,  
10          wherein the brake engages a cylindrical inner surface of a collar of the  
11 ratchet

1           10(previously presented). An articulated-arm assembly according to  
2 claim 9, wherein the brake is arranged coaxial with a collar of the ratchet.

1           11(previously presented). An articulated-arm assembly according to  
2 claim 1, wherein the brake contains several brake shoes having motions with  
3 at least one radial component.

1           12(previously presented). An articulated-arm assembly according to  
2 claim 11, wherein the brake shoes are actuated by at least one conical  
3 component that may be translated in an axial direction.

1           13(previously presented). An articulated-arm assembly according to  
2 claim 12, comprising a pair of counteroriented conical components whose  
3 separation is adjustable.

1           14(original). An articulated-arm assembly according to claim 13,  
2 wherein the pair of conical components jointly have axial play.

1           15(previously presented). An articulated-arm assembly for plumbing  
2 fixtures, comprising:

3           a mounting fixture for fastening the assembly in place,  
4           an arm jutting out of the mounting fixture,  
5           a pivot joint for joining the arm to the mounting fixture,  
6           a brake for locking the arm in place,  
7           a ratchet that allows pivoting of the arm in one direction,  
8           wherein the brake is spring-loaded.

1           16(previously presented). An articulated-arm assembly according to  
2 claim 1, wherein a space accommodating at least one of the brake and the  
3 ratchet is sealed with respect to the ambient.

1           17(previously presented). An articulated-arm assembly according to  
2 claim 1, wherein the brake has an adjustable braking force.

1           18(previously presented). An articulated-arm assembly according to  
2 claim 2, wherein the ratchet acts on an outer surface of the sleeve or collar.